

ABSTRACT OF THE DISCLOSURE

The present invention provides a photothermographic material comprising a substrate and a composition provided thereon. The composition includes a photosensitive silver halide, a non-photosensitive organic silver salt, a reducing agent for thermal development and a binder. Each of organic compounds comprised in an amount of approximately 0.05 g/m² or more in the composition has a volatilization remaining ratio of 50% or more at 160°C. The photothermographic material preferably comprises, as a color tone adjuster, a combination of a phthalazine acid and a phthalic acid compound each having a specific structure. The invention further provides a method for producing the imaged photothermographic material. In the production of this material, a thermal developing device having a filter for collecting volatilized material is used.